

Work Order ID 130278

Tuesday, March 03, 2015 1:32:50 PM

Ship

130278

March 16

Page 1

Item ID: D139-799-033

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: OEM Maintenance Step Cable Replacement

Start Date: 3/3/2015 Start Qty: 8.00

8

Cust Item ID:

Required Date: 3/3/2015 Req'd Qty: 8.00

8

Customer:

Reference:

Approvals:

Process Plan: ML5

Date: 15-03-03

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN-D139-799	I

DAS
27
9-89

ML5 15-03-03 8

100

0.00

100

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D139-799-033
CHG001

8x

DAS
46
9-89

MAR 16 2015

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

8x

DAS
27
9-89

MAR 04 2015

8x

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

8x

DAS
46
9-89

MAR 16 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 130278

130278

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Item ID: D139-799-033 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: OEM Maintenance Step Cable Replacement
 Start Date: 3/3/2015 Start Qty: 8.00 ***8*** Cust Item ID:
 Required Date: 3/3/2015 Req'd Qty: 8.00 ***8*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00				8			
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D139-799-033								
	Location: _____								
	PPP rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MAR 16 2015

MCS 1503-17

W 1503-17

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design						130281 130205			
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

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Work Order ID: 130278

130278

Parent Item: D139-799-033

D139-799-033

Parent Item Name: OEM Maintenance Step Cable Replacement

Start Date: 3/3/2015

Required Date: 3/3/2015

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP REV:A 14.05.26 chg001/ ECN14-567 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D5039-3 *D5039-3* Master Link	DAS 46 9-89	Manufactured	No				Each	29.0000	8	64			DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST143				29					
				126955				29					
D5040-1 *D5040-1* Chain	DAS 46 9-89	Manufactured	No				Each	0.0000	8	32			DAS 27 9-89
D5041-1 *D5041-1* Scuff Guard	DAS 46 9-89	Manufactured	No				Each	5.0000	4	32			DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST143				5					
				126958				5					

MAR 04 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Equip/Tooling									
Handling/Pre									
Material									
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Offset/Setup									
Process									
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Training									
Transport									
Unapproved									

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Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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REFERENCE ONLY

MAR 16 2015

DART AEROSPACE USA, INC.

DAS
46
9-89

IIN-D139-799
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Qty -033	Qty -013	Part Number	Description
	X	D139-799-013	CARGO DOOR HINGE KIT
X		D139-799-033	OEM MAINTENANCE-STEP CABLE REPLACEMENT KIT
	1	D2585	MOUNTING CHANNEL
	1	D2586	DOOR LATCH
	1	D2621	LATCH PLATE
	1	D3552-23	DOOR PROP
	1	D3622-1	BALL STUD
	1	D3622-3	BALL STUD
	2	D4072-1	AIRFRAME HINGE
	2	D4072-3	AIRFRAME HINGE BACKING PLATE
	4	D4072-5	BUSHING
	2	D4073-1	DOOR HINGE
	2	D4073-3	DOOR HINGE BACKING PLATE
	1	D4074-1	BRACKET
	1	D4074-3	CHANNEL
	1	D4074-5	BACKING PLATE
	1	D4074-7	STRIKER PLATE
	1	D4519-1	RELAY BRACKET
	1	D4632-1	STRIKER PLATE
	1	D4632-2	STRIKER PLATE
	1	D4761-1	SHIM BLOCK
8		D5039-3	MASTER LINK
4		D5040-1	CHAIN
4		D5041-1	SCUFF GUARD
	1	IN4007	DIODE
	4	AN507-1032R12	SCREW
	4	AN507-1032R15	SCREW
	1	M12883-41-19	RELAY BASE
	4	M39029/92-534	SOCKET CONTACT
	1	M83536/9-024M	RELAY
	8	MS21042L08	NUT (or MS21042-08)
	32	MS21042L3	NUT (or MS21042-3)
	1	MS21042L5	NUT (or MS21042-5)
	8	MS24694-S47	SCREW
	8	MS27039-0807	SCREW
	8	MS27039-1-10	SCREW
	2	MS27039-1-14	SCREW
	8	MS27039-1-16	SCREW
	1	MS27039-1-17	SCREW
	18	NAS1149D0363J	WASHER (or AN960JD10)
	1	NAS1149D0663J	WASHER (or AN960JD616)
	12	NAS1149D0332J	WASHER (or AN960JD10L)
	8	NAS1149DN832J	WASHER (or AN960JD8)
	4	NAS1515H-5L	WASHER

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